SECOND QUARTER 2013

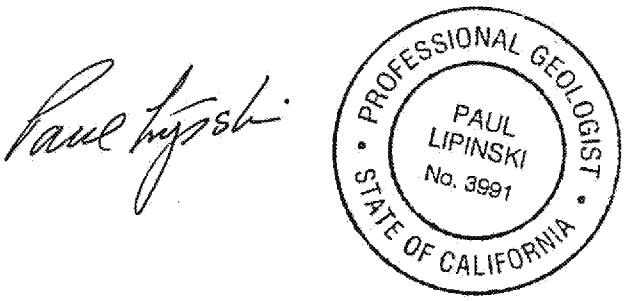
GROUNDWATER MONITORING REPORT

Former Mondo Chrome Facility
4933 Firestone Boulevard, South Gate, California 90280

SCP No. 0760
Site ID No. 2043G00
Global ID No. SL2043G1564

July 10, 2013

Charles F. Lindeman
REA II - 20251



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1.0 INTRODUCTION

This *Second Quarter 2013 Groundwater Monitoring Report* details Leymaster Environmental Consulting, LLC's (LEC) activities, findings and conclusions with respect to monitoring six groundwater wells at the former Mondo Chrome Facility located at 4933 Firestone Boulevard, South Gate, California 90280 (Figure 1 – Local Area Map).

2.0 SITE BACKGROUND

The Former Mondo Chrome site is an approximately 1,800 square-foot, one-story facility that has historically been utilized for industrial purposes. Mondo Chrome leased and operated an ornamental electroplating facility at the site between 1986 and 1990 (Figure 2 – Site Plot Plan). In 1990, the Los Angeles County Department of Health Services, Hazardous Materials Control Program conducted an emergency response to a chrome-solution spill at the facility. Additional violations, including improper storage of hazardous materials, were noted at that time. Subsequent site investigations were conducted at the facility in 1992, 1994, 1996, 1998 and 2001.

Twenty-seven soil and groundwater borings were installed at 18 locations that were defined by the previous use and/or storage of hazardous materials at the Mondo Chrome facility. Groundwater samples were collected from on-site and off-site locations utilizing both hydropunch methods (borings B12, B13, B15 & B17) and groundwater monitoring wells (MW1 through MW6). Contaminants historically detected in groundwater included total chromium (up to 9,720 micrograms per liter [µg/l]), cadmium (up to 6 µg/l), perchloroethene (PCE, up to 707 µg/l) and trichloroethene (TCE, up to 1,000 µg/l).

Additional background information and the investigative history of the site can be found at: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL2043G1564

3.0 REGIONAL GEOLOGY & HYDROGEOLOGY

3.1 Regional Hydrogeology

According to information from the Department of Water Resources (DWR, 1961) contained in a Frey Environmental groundwater investigation work plan for the subject site (Frey, May 27, 2011), the Former Mondo Chrome site is located within the Central Basin Pressure Area of the Downey Plain which is a subgroup of the Coastal Plain of Los Angeles County. The Downey Plain is a depositional feature consisting of alluvial fans from the Los Angeles River and Rio Hondo-San Gabriel River Systems. The Central Basin Pressure Area is characterized by the presence of multiple aquitards, most notably the Bellflower aquiclude. The Bellflower aquiclude is comprised of low permeability silts and clays that separate near surface waters from deeper water-bearing zones. The Bellflower aquiclude is estimated to be approximately 65 feet beneath the subject site and has an approximate thickness of 60 feet in the area of the site.

The Gaspur aquifer of the Lakewood Formation is the water-bearing unit located beneath the Bellflower aquiclude at the subject site. The Lakewood Formation has multiple water-bearing units including the Artesia, Exposition, Gage and Gardena aquifers. The San Pedro Formation underlies the Lakewood Formation and has multiple water-bearing units including the Hollydale, Jefferson, Lynwood, Silverado and Sunnyside aquifers.

The reported groundwater flow direction at the site changed significantly during 2000 and 2001, switching from southeasterly (2000) to northwesterly (2001). In order to confirm that flow calculations were based on accurate data, the historic "top of casing" elevations for the three on-site monitoring wells (MW1, MW2 and MW3) was re-surveyed on October 4, 2012 by a licensed surveyor, Pacific Land Consultants, Inc. The "top-of-casing" elevations obtained by PLC on October 4, 2012 are in general agreement with the site's historically reported "top-of-casing" elevations and the historic flow directions appear to be correct.

On May 22, 23 and 24, 2013, one down-gradient and two cross-gradient groundwater monitoring wells (MW4, MW5 & MW6) were installed off-site by Gregg Drilling and Testing (*Off-Site Groundwater Monitoring Well Installation Report*, LEC, July 9, 2013). These three wells were incorporated into the site's groundwater monitoring network effective this Second Quarter of 2013. Well construction details for the site's six wells can be found in Table 1 (Well Construction Details) following the text of this report. Monitoring well location and elevation survey data can be found in Attachment I.

3.2 Site Hydrogeology

Based on data collected between 1998 and 2013 from three on-site groundwater monitoring wells, the depth to groundwater beneath the site has increased from approximately 40 feet below ground surface (bgs) to approximately 49 feet bgs. Based on depth-to-groundwater measurements for monitoring wells MW1, MW2 and MW3, since 2001, the groundwater flow direction has generally been to the north, varying slightly between the northwest and northeast.

Based on depth-to-groundwater measurements for monitoring wells MW1 through MW6, on June 21, 2013, groundwater beneath the site was flowing in a northeasterly direction at a gradient of approximately 0.003 feet per foot east of the subject site. A groundwater contour map for the site is contained in Figure 3 (Groundwater Contours - June 2013).

4.0 GROUNDWATER MONITORING RESULTS

Groundwater sampling for the Second Quarter 2013 was conducted on June 21, 2013, by Mr. Charles F. Lindeman, under the supervision of Mr. Paul Lipinski, California Professional Geologist No. 3991.

4.1 Groundwater Elevation Data

Prior to low-flow purging and sampling, depth-to-water was measured in each of the wells using a Solinst Interface Probe (No. 122-003656-1). The temperature, pH, conductivity, and turbidity were obtained at two-minute intervals during low-flow purging using a Horiba U-52 multi-parameter meter (No. LEC0409). Temperature and conductivity measurements were within 10% of each other, and the pH measurements were within 0.1 units of each other, following the removal of two to four liters from each of the wells. The measurements of these parameters on June 21, 2013, are shown on the Well Sampling Data Logs contained in Attachment II. Groundwater elevation data collected during the June 21, 2013, sampling event are presented in the table below.

Groundwater Elevation Data for June 21, 2013

Monitoring Well No.	Casing Elevation (feet above msl)	Depth to Groundwater (June 21, 2013)	2nd Quarter 2013 Groundwater Elevation (feet above msl)
MW1	109.60	49.33'	60.27
MW2	109.53	48.98'	60.55
MW3	109.66	49.34'	60.32
MW4	109.19	49.51'	59.68

Monitoring Well No.	Casing Elevation (feet above msl)	Depth to Groundwater (June 21, 2013)	2nd Quarter 2013 Groundwater Elevation (feet above msl)
MW5	110.53	50.56'	59.97
MW6	109.60	49.24'	60.36

A groundwater contour map for the site is contained in Figure 3 (Groundwater Contours - June 2013). A summary of historical groundwater elevations can be found in Table 2 (Groundwater Elevations 1998 - 2013) following the text of this report.

4.2 Sample Collection

Groundwater samples were collected from each well by low-flow purging using dedicated Proactive M-T submersible pumps and dedicated LDPE tubing. The samples were collected into laboratory-supplied 40-ml VOAs and 1-liter poly containers, properly labeled and stored in an iced cooler for transportation to a State-certified laboratory. Standard Chain-of-Custody procedures were maintained on all samples. The Chain-of-Custody Record with a request for analysis was initiated in the field by LEC. Each time responsibility for custody of the samples changed, the receiving and relinquishing custodians signed the record and entered the date and time of transfer of the samples. The laboratory signed for the receipt of the samples and returned a copy of the Chain-of-Custody Record to LEC.

4.3 Analytical Result

All samples were submitted to Cal Tech Environmental Laboratories, 6814 Rosecrans Avenue, Paramount, CA (CA-DHS ELAP No. 2424), and analyzed for volatile organic compounds (VOCs) by EPA Method 8260B, for cadmium, chromium, and nickel by EPA Method 6010B, for hexavalent chromium by EPA Method 7196A, and for cyanide by Method SM4500-CN-E. The analytical data for groundwater samples collected on June 21, 2013, are tabulated in the table below.

Analytical Results for Groundwater – June 21, 2013

Analyte	MW 1	MW 2	MW 3	MW4	MW5	MW6	CA MCL
TCE	**200**	**9.6**	**33**	**7**	**130**	**210**	5 µg/l
PCE	**30**	**7**	**18**	ND<0.5	**2.3**	**1.6**	5 µg/l
c-1,2-DCE	**96**	**16**	**14**	**2.8**	**16**	**55**	6 µg/l
t-1,2-DCE	**5.4**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	10 µg/l
1,2,3-TCP	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	NE

Analyte	MW 1	MW 2	MW 3	MW4	MW5	MW6	CA MCL
1,4-Dioxane	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	NE
Cadmium	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	5 µg/l
Chromium	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	5 µg/l
Hex Chrome	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	50 µg/l
Nickel	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	100 µg/l
Cyanide	ND<50	ND<50	ND<50	ND<50	ND<50	ND<50	150 µg/l

TCE = Trichloroethene c-1,2-DCE – cis-1,2-Dichloroethene
PCE = Perchloroethene t-1,2-DCE = trans-1,2-Dichloroethene
N/E – None Established 1,2,3-TCP = 1,2,3-Trichloropropane
All results in micrograms per Liter (µg/l)
MCL – Maximum Contaminant Level for drinking water

A summary of analytical data for previous rounds of groundwater sampling can be found in Table 3 (Summary of VOC Analytical Detections in Groundwater) and Table 4 (Summary of Metal Analytical Detections in Groundwater). The Laboratory Report of Analytical Results and Chain-of-Custody Record for groundwater samples collected on June 21, 2013 are contained in Attachment III.

TCE iso-concentration contours and the analytical results for all VOCs, metals and cyanide, based on groundwater samples collected on June 21, 2013, are depicted in Figure 4 (TCE Iso-Concentrations – June 2013) and Figure 5 (Analytical Results for VOCs, Metals and CN – June 2013), respectively.

4.4 Discussion of Analytical Result

PCE (30 µg/l), TCE (200 µg/l) and the degradation product cis-1,2-DCE (96 µg/l) were detected in monitoring well MW1 (adjacent to the site's former clarifier) at levels exceeding their applicable Maximum Contaminant Levels (MCLs) for drinking water (see table above). Trans-1,2-DCE (5.4 µg/l) was detected in MW1 at a level below its MCL. No other VOCs were detected in MW1.

Monitoring wells MW2 and MW3, located hydraulically cross-gradient to the south, contained concentrations of PCE (7 µg/l and 18 µg/l, respectively) TCE (9.6 µg/l and 33 µg/l, respectively) and cis-1,2-DCE (16 µg/l and 14 µg/l, respectively) at levels

exceeding their MCLs for drinking water. No other VOCs were detected in MW2 or MW3.

Monitoring well MW4, located hydraulically up-gradient to the east, contained detectable concentrations of TCE (7 µg/l) and cis-1,2-DCE (2.8 µg/l). Only TCE exceed its MCL in MW4. No other VOCs were detected in MW4.

Monitoring well MW5, hydraulically cross-gradient to the north, contained concentrations of TCE (130 µg/l) and cis-1,2-DCE (16 µg/l) at levels exceeding their MCLs for drinking water. PCE (2.3 µg/l) was detected in MW5 at a level below its MCL. No other VOCs were detected in MW5.

Monitoring well MW6, hydraulically down-gradient to the west, contained concentrations of TCE (210 µg/l) and cis-1,2-DCE (55 µg/l) at levels exceeding their MCLs for drinking water. PCE (2.3 µg/l) was detected in MW6 at a level below its MCL. No other VOCs were detected in MW6.

The emergent chemicals 1,2,3-Trichloropropane and 1,4-Dioxane were not detected in any groundwater monitoring well. Other historic contaminants of concern (cadmium, chromium, hexavalent chromium, nickel, and cyanide), were not detected in any groundwater monitoring well.

5.0 DISPOSAL OF INVESTIGATION DERIVED WASTES

The investigation-derived waste (IDW) purge water was transferred into a DOT-approved, 55-gallon drum along with other IDWs (well development water) generated during the installation of off-site monitoring wells MW4, MW5, and MW6 and stored on-site in a secured area. Laboratory analytical results indicate that the drum contains non-hazardous wastes. The Laboratory Report of Analytical Results and Chain-of-Custody Record for the IDW water are contained in Attachment III.

The drum of non-hazardous IDW water was transported by KM Industrial of Long Beach, CA (USEPA ID No. CAR000075622) for proper disposal at Crosby & Overton of Long Beach, CA (USEPA ID No. CAD028409019) under Non-Hazardous Waste Manifest No. 010418 (Attachment IV).

6.0 CONCLUSIONS & RECOMMENDATIONS

Concentrations of PCE (≤30 µg/l), TCE (≤210 µg/l) and the degradation product cis-1,2-DCE (≤96 µg/l) continue to be detected in groundwater beneath the site at levels exceeding their MCLs for drinking water. Trans-1,2-DCE was detected only in MW1 (5.4 µg/l) at a level below its MCL of 10 µg/l. No other VOCS were detected in any monitoring wells. The shallow groundwater beneath the subject site is not a drinking water aquifer.

Cadmium, chromium, hexavalent chromium, nickel, cyanide, 1,2,3-TCP, and 1,4-Dioxane were not detected in any groundwater monitoring well during this Second Quarter 2013 monitoring event.

Monitoring wells MW1 through MW6 will be monitored on a semi-annual basis (May-June and November-December) and reports submitted to the Regional Board by July 15 and January 15, respectively.

I, Jack L. Bliss, do hereby declare, under penalty of perjury under the laws of the State of California, that I am the property manager for the property commonly known as 4933 Firestone Boulevard, South Gate, California, that I am authorized to attest to the veracity of the information contained in the report described herein, and that, to my knowledge based solely on the representation of Leymaster Environmental Consulting, LLC, the information contained in this *Second Quarter 2013 Groundwater Monitoring Report*, dated July 10, 2013 is true and correct, and that this declaration was executed at Los Angeles, California, on July 10, 2013.

Jack L. Bliss, Property Manager
J & P Realty

Table 1 ***Well Construction Details***
Former Mondo Chrome Facility
South Gate, California

Well	Easting (ft) (a)	Northing (ft) (a)	TOC Elev (ft MSL)	Total Depth (ft bgs)	Screen Slot Size (inches)	Screen Interval (ft bgs)	Installation Date	Well Diameter (inches)
Monitoring Wells								
MW 1	6506548.06	1804974.39	109.60	55	0.02	30-55	Dec-98	2
MW 2	6506471.73	1804866.07	109.53	55	0.02	30-55	Dec-98	2
MW 3	6506536.10	1804847.21	109.66	55	0.02	30-55	Dec-98	2
MW 4	6506734.88	1804948.24	112.66	56	0.02	41-56	5/23/2013	4
MW 5	6506604.06	1804090.32	110.53	56	0.02	41-56	5/24/2013	4
MW 6	6506401.39	1804047.35	109.60	56	0.02	41-56	5/22/2013	4
Vapor Extraction Wells								
VEW 1	-----	-----	n/a	50.5	0.04	15-45	6/27/1996	2
Vapor Monitoring Probes								
VP 1	-----	-----	n/a	40	-----	19-20; 39-40	7/11/1996	1/4
VP 2	-----	-----	n/a	40	-----	19-20; 39-40	7/11/1996	1/4
VP 3	-----	-----	n/a	40	SS tip	5, 20 & 40	2/19/2013	1/4
VP 4	-----	-----	n/a	40	SS tip	5, 20 & 40	2/20/2013	1/4
VP 5	-----	-----	n/a	40	SS tip	5, 20 & 40	2/20/2013	1/4
VP 6	-----	-----	n/a	40	SS tip	5, 20 & 40	2/20/2013	1/4

Notes:

* = Former groundwater and vapor extraction well

(a) = Survey coordinates in State Plane Coordinates; Zone 5.

MSL = Mean sea level

TOC Elev = TOC elevation above MSL (NAVD88).

Abbreviations:

bgs = below ground surface

ft = Feet

GS = Ground surface

n/a = Not applicable

NA = Not accessible

TOC = Top of casing

Table 2 *Groundwater Elevations*
1998 - 2013
Former Mondo Chrome Facility
South Gate, California

Location	Gauging Date	TOC Elevation (ft MSL)	Depth To Water (ft BTOC)	Groundwater Elevation (ft MSL)	Elevation Change	Notes
MW 1	12/7/98	109.40	41.58	67.82	--	
	3/3/99		40.71	68.69	0.87	
	6/24/99		40.36	69.04	0.35	
	9/17/99		40.31	69.09	0.05	
	12/20/99		40.35	69.05	-0.04	
	3/28/00		40.42	68.98	-0.07	
	6/26/00		40.50	68.90	-0.08	
	9/22/00		40.55	68.85	-0.05	
	12/18/00		41.78	67.62	-1.23	
	3/5/01		40.90	68.50	0.88	
	6/4/01		40.88	68.52	0.02	
	9/24/01		41.28	68.12	-0.40	
	12/13/01		41.71	67.69	-0.43	
	3/27/02		41.70	67.70	0.01	
	10/30/02		41.72	67.68	-0.02	
	5/6/03		43.18	66.22	-1.46	
	11/7/03		43.54	65.86	-0.36	
	3/14/08		43.58	65.82	-0.04	
	3/18/11		48.34	61.06	-4.76	
	6/20/11		48.49	60.91	-0.15	
	9/22/11		48.61	60.79	-0.12	
	3/29/12		48.67	60.73	-0.06	
	8/1/12		48.82	60.58	-0.15	
	3/15/13	109.60	49.07	60.53	-0.05	TOC surveyed by PLC 11/12
	6/21/13		49.33	60.27	-0.26	
MW-2	12/7/98	109.45	41.68	67.77	--	
	3/3/99		40.81	68.64	0.87	
	6/24/99		40.45	69.00	0.36	
	9/17/99		40.4	69.05	0.05	
	12/20/99		40.43	69.02	-0.03	
	3/28/00		40.38	69.07	0.05	
	6/26/00		40.46	68.99	-0.08	
	9/22/00		40.47	68.98	-0.01	
	12/18/00		41.70	67.75	-1.23	
	3/5/01		40.83	68.62	0.87	
	6/4/01		40.71	68.74	0.12	
	9/24/01		41.11	68.34	-0.40	
	12/13/01		41.49	67.96	-0.38	
	3/27/02		41.40	68.05	0.09	
	10/30/02		41.43	68.02	-0.03	
	5/6/03		42.76	66.69	-1.33	
	11/7/03		43.26	66.19	-0.50	
	3/14/08		43.22	66.23	0.04	
	3/18/11		47.73	61.72	-4.51	
	6/20/11		47.88	61.57	-0.15	
	9/22/11		48.10	61.35	-0.22	
	3/29/12		48.30	61.15	-0.20	
	8/1/12		48.49	60.96	-0.19	
	3/15/13	109.53	48.71	60.82	-0.14	TOC surveyed by PLC 11/12
	6/21/13		48.98	60.55	-0.27	
MW 3	12/7/98	109.61	41.78	67.83	--	
	3/3/99		40.94	68.67	0.84	
	6/24/99		40.59	69.02	0.35	
	9/17/99		40.56	69.05	0.03	
	12/20/99		40.61	69.00	-0.05	
	3/28/00		40.54	69.07	0.07	
	6/26/00		40.61	69.00	-0.07	
	9/22/00		40.60	69.01	0.01	

Table 2 *Groundwater Elevations*
1998 - 2013
Former Mondo Chrome Facility
South Gate, California

Location	Gauging Date	TOC Elevation (ft MSL)	Depth To Water (ft BTOC)	Groundwater Elevation (ft MSL)	Elevation Change	Notes
MW 3 cont'd	12/18/00		41.85	67.76	-1.25	
	3/5/01		40.90	68.71	0.95	
	6/4/01		40.86	68.75	0.04	
	9/24/01		41.20	68.41	-0.34	
	12/13/01		41.48	68.13	-0.28	
	3/27/02		41.42	68.19	0.06	
	10/30/02		41.44	68.17	-0.02	
	5/6/03		42.86	66.75	-1.42	
	11/7/03		43.36	66.25	-0.50	
	3/14/08		43.43	66.18	-0.07	
	3/18/11		48.11	61.50	-4.68	
	6/20/11		48.25	61.36	-0.14	
	9/22/11		48.47	61.14	-0.22	
	3/29/12		48.65	60.96	-0.18	
	8/1/12		48.82	60.79	-0.17	
	3/15/13	109.66	49.06	60.60	-0.19	TOC surveyed by PLC 11/12
	6/21/13		49.34	60.32	-0.28	
MW 4	6/21/13	112.66	49.51	63.15	--	TOC surveyed by PLC 6/13
MW 5	6/21/13	110.53	50.56	59.97	--	TOC surveyed by PLC 6/13
MW 6	6/21/13	109.60	49.24	60.36	--	TOC surveyed by PLC 6/13

Notes:
-- = No data; not quantifiable

Abbreviations:
TOC = Top of well casing
BTOC = Below top of well casing
ft = Feet
MSL = Mean sea level
n/a = Not applicable
NA = Not accessible

Table 3 - Summary of VOC Analytical Detections in Groundwater
1998 to Present
Former Mondo Chrome Facility
South Gate, CA 90280

		USEPA 8260B (µg/L)								
Well	**Sample Date**	**PCE**	**TCE**	**cis-1,2-DCE**	**trans-1,2-DCE**	**1,1-DCE**	**VC**	**1,2-DCA**	**1,2,3-TCP**	**1,4-Dioxane**
MW 1	12/7/98	110	140	6.8	NA	<1	<1	<0.5	NA	NA
	3/3/99	140	190	<10	NA	<16	<20	<10	NA	NA
	6/24/99	600	780	<25	NA	<40	<50	<25	NA	NA
	9/17/99	707	824	9.4	NA	1.9	1.9	<0.5	NA	NA
	12/20/99	395	635	10	NA	1.6	<1	<0.5	NA	NA
	3/28/00	368	538	11	NA	1.9	<1	<0.5	NA	NA
	6/26/00	663	909	125	NA	<0.8	<1	<0.5	NA	NA
	9/22/00	111	150	<0.5	NA	2.5	<1	<0.5	NA	NA
	12/18/00	616	116	14	2.1	1.4	<1	<0.5	NA	NA
	3/5/01	670	330	11	2.2	2.7	3.4	0.65	NA	NA
	6/4/01	420	800	12	<0.8	1.6	<1	<1	NA	NA
	9/24/01	430	890	17	<10	<10	<10	<5	NA	NA
	12/13/01	420	890	12	<1	1.9	<1	<0.5	NA	NA
	3/27/02	590	980	18	<5.0	<5	<5	<2.5	NA	NA
	10/30/02	500	880	12	<10	<10	<5	<5	NA	NA
	5/6/03	640	1,000	17	<10	<10	<5	<5	NA	NA
	11/7/03	510	820	15	<1	2.3	0.9	<0.5	NA	NA
	3/14/08	310	560	13	<1	<1	<0.5	<0.5	<5.0	5.8
	3/18/11	26	250	48	<1	<1	<1	<1	<1	NA
	6/20/11	38	660	86	4.6	<1	<1	<1	<1	NA
	9/22/11	3.9	130	58	1.6	<1	<1	<1	<1	NA
	3/29/12	11	150	16	5.7	<1	<1	<1	<1	NA
	8/1/12	7.6	240	72	6.2	<1	<1	<1	<1	NA
	3/15/13	19	200	120	<0.5	<0.5	<0.5	<0.5	<1	NA
	6/21/13	30	200	96	5.4	<0.5	<0.5	<0.5	<1	<2
MW2	12/7/98	11	77	16	NA	<1	<1	<0.5	NA	NA
	3/3/99	6.5	130	13	NA	<16	<5	<2.5	NA	NA
	6/24/99	20	160	13	NA	<40	<10	<5	NA	NA
	9/17/99	15	156	21	NA	1.9	<1	<0.5	NA	NA
	12/20/99	27	158	18	NA	1.6	<1	<0.5	NA	NA
	3/28/00	8.4	138	27	NA	1.9	<1	<0.5	NA	NA

Table 3 - Summary of VOC Analytical Detections in Groundwater
1998 to Present
Former Mondo Chrome Facility
South Gate, CA 90280

		USEPA 8260B (µg/L)								
Well	**Sample Date**	**PCE**	**TCE**	**cis-1,2-DCE**	**trans-1,2-DCE**	**1,1-DCE**	**VC**	**1,2-DCA**	**1,2,3-TCP**	**1,4-Dioxane**
MW2 cont'd	6/26/00	17	101	230	NA	<0.8	<1	<0.5	NA	NA
	9/22/00	3.8	72.6	<0.5	NA	2.5	<1	<0.5	NA	NA
	12/18/00	12	92	28	2.1	1.4	<1	<0.5	NA	NA
	3/5/01	7.1	50	19	2.2	2.7	1.2	<0.5	NA	NA
	6/4/01	3	86	24	<0.8	1.6	<1	<0.5	NA	NA
	9/24/01	3.1	94	45	<10	<10	<1	<0.5	NA	NA
	12/13/01	2.9	98	34	<1	1.9	<1	<0.5	NA	NA
	3/27/02	4.1	120	46	1.1	<5	<1	<0.5	NA	NA
	10/30/02	5	90	62	1.3	<10	<0.5	<0.5	NA	NA
	5/6/03	2.9	97	53	1.4	<10	<0.5	<0.5	NA	NA
	11/7/03	3.3	90	52	1.2	2.3	<0.5	<0.5	NA	NA
	3/14/08	2.2	68	43	<1	<1	<0.5	<0.5	<5	<2
	3/18/11	1.8	4.9	14	<1	<1	<1	<1	<1	NA
	6/20/11	<1	12	24	<1	<1	<1	<1	<1	NA
	9/22/11	<1	5.2	9.6	<1	<1	<1	<1	<1	NA
	3/29/12	<1	6.1	21	<1	<1	<1	<1	<1	NA
	8/1/12	<1	5.4	11	<1	<1	<1	<1	<1	NA
	3/15/13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	NA
	6/21/13	7	9.6	16	<0.5	<0.5	<0.5	<0.5	<1	<2
MW 3	12/7/98	9.3	75	10	NA	2	<1	<0.5	NA	NA
	3/3/99	5.1	100	6.4	NA	<4	<5	<2.5	NA	NA
	6/24/99	7.4	110	7.3	NA	<8	<10	<5	NA	NA
	9/17/99	6.1	145	12	NA	1.2	2.3	1.2	NA	NA
	12/20/99	4.4	43	3.6	NA	<0.8	<1	<0.5	NA	NA
	3/28/00	4.7	114	13	NA	1.7	<1	0.9	NA	NA
	6/26/00	26	92	<0.5	NA	<0.8	<1	<0.5	NA	NA
	9/22/00	7.1	66	4.97	NA	1.6	<1	<0.5	NA	NA
	12/18/00	11	80	13	1.9	1.1	<1	<0.5	NA	NA
	3/5/01	7	47	11	2	2.2	1.4	1.2	NA	NA
	6/4/01	2.4	56	9.2	<0.8	0.85	<1	<0.5	NA	NA
	9/24/01	2.5	72	17	<1	1.4	<1	1.0	NA	NA

Table 3 - Summary of VOC Analytical Detections in Groundwater
1998 to Present
Former Mondo Chrome Facility
South Gate, CA 90280

Well	Sample Date	USEPA 8260B (µg/L)								
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	VC	1,2-DCA	1,2,3-TCP	1,4-Dioxane
MW 3 cont'd	12/13/01	3.1	67	11	<1	1.3	<1	<0.5	NA	NA
	3/27/02	3.4	80	14	<1	1.7	<1	1.0	NA	NA
	10/30/02	13	72	18	<1	1.2	<0.5	<0.5	NA	NA
	5/6/03	3.5	63	12	<1	1.5	<0.5	0.66	NA	NA
	11/7/03	1.5	61	13	<1	1.5	0.59	<0.5	NA	NA
	3/14/08	1.2	49	25	<1	<1	<0.5	<0.5	<5.0	<2
	3/18/11	9.8	27	13	<1	<1	<1	<1	<1	NA
	6/20/11	4.5	19	21	<1	<1	<1	<1	<1	NA
	9/22/11	2.5	13	19	<1	<1	<1	<1	<1	NA
	3/29/12	1.8	7.3	7.6	<1	<1	<1	<1	<1	NA
	8/1/12	2.4	9.4	9.2	<1	<1	<1	<1	<1	NA
	3/15/13	12	25	<0.5	<0.5	<0.5	<0.5	<0.5	<1	NA
	6/21/13	18	33	14	<0.5	<0.5	<0.5	<0.5	<1	<2
MW 4	6/21/13	<0.5	7	2.8	<0.5	<0.5	<0.5	<0.5	<1	<2
MW 5	6/21/13	2.3	130	16	<0.5	<0.5	<0.5	<0.5	<1	<2
MW 6	6/21/13	1.6	210	55	<0.5	<0.5	<0.5	<0.5	<1	<2
	CA MCL	**5**	**5**	**6**	**10**	**6**	**0.5**	**0.5**	NE	NE

Notes:
All other analytes were not detected.
< = Not detected at or above the indicated laboratory detection limit.
µg/L = Micrograms per liter
NA = Not analyzed
CA MCL = California Maximum Contaminant Level for drinking water.
NE = None Established

Abbreviations:
PCE = Tetrachloroethene
TCE = Trichloroethene
DCE = Dichloroethene
VC = Vinyl chloride
DCA = Dicholorethane
TCP = Trichloropropane

Table 4 - Summary of Metal Analytical Detections in Groundwater
1998 to Present
Former Mondo Chrome Facility
South Gate, CA 90280

		Metals (µg/L)				
Well	Sample Date	Total Chromium	Hexavalent Chromium	Cadmium	Nickel	Total Cyanide
MW 1	12/7/98	NA	NA	NA	NA	NA
	3/3/99	19	<20	<4	NA	NA
	6/24/99	19	<20	<4	NA	NA
	9/17/99	16	<20	<4	NA	NA
	12/20/99	37	<20	<3	NA	NA
	3/28/00	4	NA	NA	NA	NA
	6/26/00	46	NA	NA	NA	NA
	9/22/00	<3	NA	NA	NA	NA
	12/18/00	20	<20	<3	NA	NA
	3/5/01	11	<20	<3	NA	NA
	6/4/01	19	NA	<3	NA	NA
	9/24/01	8.42	<1	<5	NA	NA
	12/13/01	22.5	<1	<5	NA	NA
	3/27/02	15.4	<1	<5	NA	NA
	10/30/02	<5	<1	<5	NA	NA
	5/6/03	<5	<1	<5	NA	NA
	11/7/03	8.03	<1	<5	NA	NA
	3/14/08	<5	<0.2	<5	8.75	<50
	3/18/11	NA	NA	NA	NA	NA
	6/20/11	NA	NA	NA	NA	NA
	9/22/11	NA	NA	NA	NA	NA
	3/29/12	NA	NA	NA	NA	NA
	8/1/12	NA	NA	NA	NA	NA
	3/15/13	<10	<10	<10	<10	<50
	6/21/13	<10	<10	<10	<10	<50
MW 2	12/7/98	NA	NA	NA	NA	NA
	3/3/99	33	<20	<4	NA	NA
	6/24/99	50	<20	<4	NA	NA
	9/17/99	40	<20	<4	NA	NA
	12/20/99	18	<20	<3	NA	NA
	3/28/00	19	NA	NA	NA	NA
	6/26/00	38	NA	NA	NA	NA
	9/22/00	17	NA	NA	NA	NA
	12/18/00	20	<20	<3	NA	NA
	3/5/01	23	<20	3	NA	NA
	6/4/01	28	NA	<3	NA	NA
	9/24/01	6.73	<1	<5	NA	NA
	12/13/01	12.1	<1	<5	NA	NA
	3/27/02	9.7	<1	<5	NA	NA
	10/30/02	18	<1	<5	NA	NA
	5/6/03	<5	<1	<5	NA	NA
	11/7/03	<5	<1	<5	NA	NA
	3/14/08	6.41	<1	<5	10.3	<50

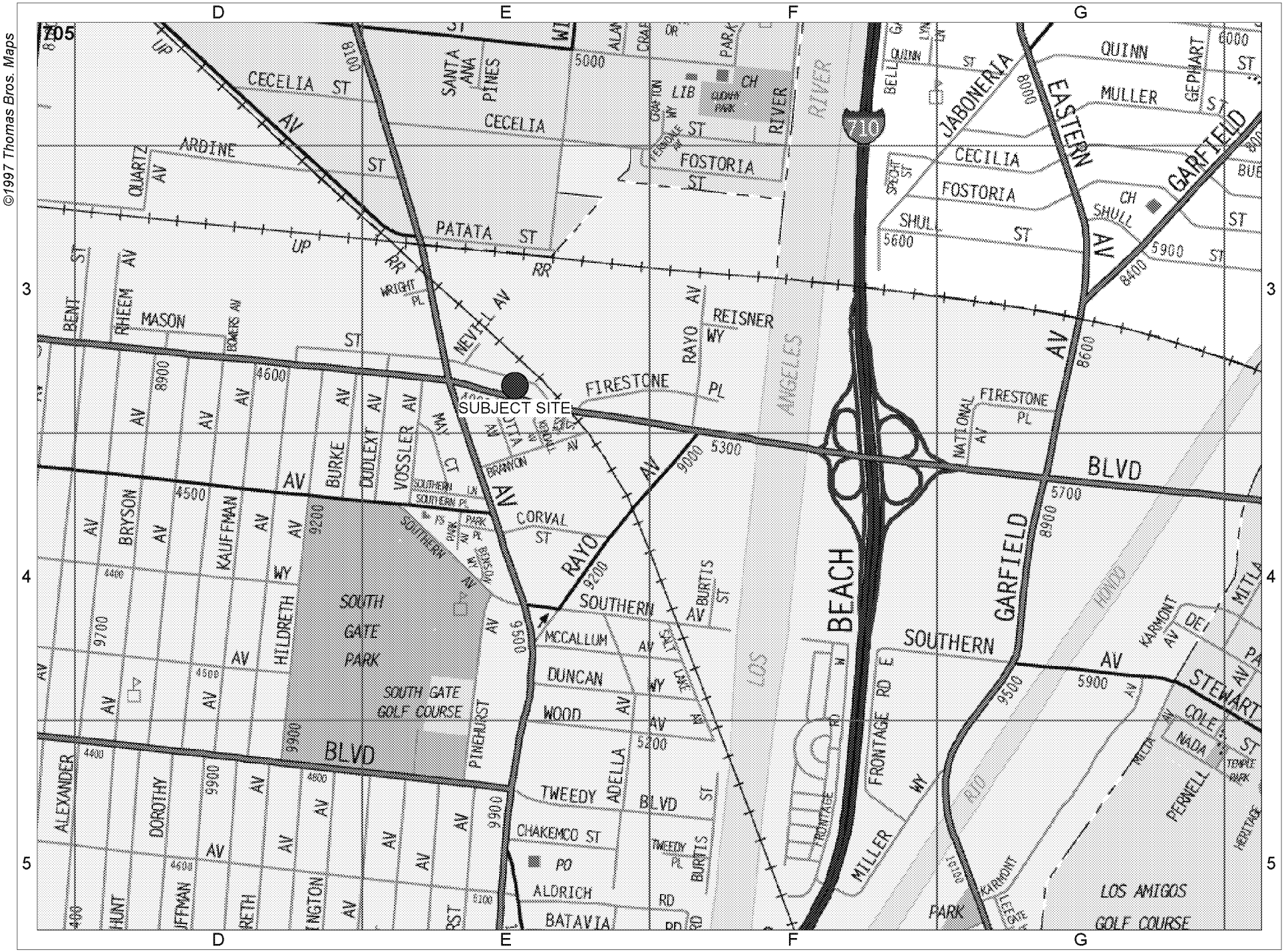
Table 4 - Summary of Metal Analytical Detections in Groundwater
1998 to Present
Former Mondo Chrome Facility
South Gate, CA 90280

		Metals (µg/L)				
Well	**Sample Date**	**Total Chromium**	**Hexavalent Chromium**	**Cadmium**	**Nickel**	**Total Cyanide**
MW2 cont'd	3/18/11	NA	NA	NA	NA	NA
	6/20/11	NA	NA	NA	NA	NA
	9/22/11	NA	NA	NA	NA	NA
	3/29/12	NA	NA	NA	NA	NA
	8/1/12	NA	NA	NA	NA	NA
	3/15/13	<10	<10	<10	<10	<50
	6/21/13	<10	<10	<10	<10	<50
MW 3	12/7/98	NA	NA	NA	NA	NA
	3/3/99	68	<20	<4	NA	NA
	6/24/99	50	<20	<4	NA	NA
	9/17/99	58	<20	<4	NA	NA
	12/20/99	37	<20	<3	NA	NA
	3/28/00	19	NA	NA	NA	NA
	6/26/00	44	NA	NA	NA	NA
	9/22/00	20	NA	NA	NA	NA
	12/18/00	30	<20	<3	NA	NA
	3/5/01	24	<20	6	NA	NA
	6/4/01	26	NA	3	NA	NA
	9/24/01	7.74	<1	<5	NA	NA
	12/13/01	9.4	<1	<5	NA	NA
	3/27/02	11.8	<1	<5	NA	NA
	10/30/02	12	<1	<5	NA	NA
	5/6/03	8	<1	<5	NA	NA
	11/7/03	5.04	<1	<5	NA	NA
	3/14/08	<5	<0.2	<5	21	<50
	3/18/11	NA	NA	NA	NA	NA
	6/20/11	NA	NA	NA	NA	NA
	9/22/11	NA	NA	NA	NA	NA
	3/29/12	NA	NA	NA	NA	NA
	8/1/12	NA	NA	NA	NA	NA
	3/15/13	<10	<10	<10	<10	<50
	6/21/13	<10	<10	<10	<10	<50
MW 4	6/21/13	<10	<10	<10	<10	<50
MW 5	6/21/13	<10	<10	<10	<10	<50
MW 6	6/21/13	<10	<10	<10	<10	<50
	CA MCL	**50**	**50[a]**	**5**	**100**	**150**

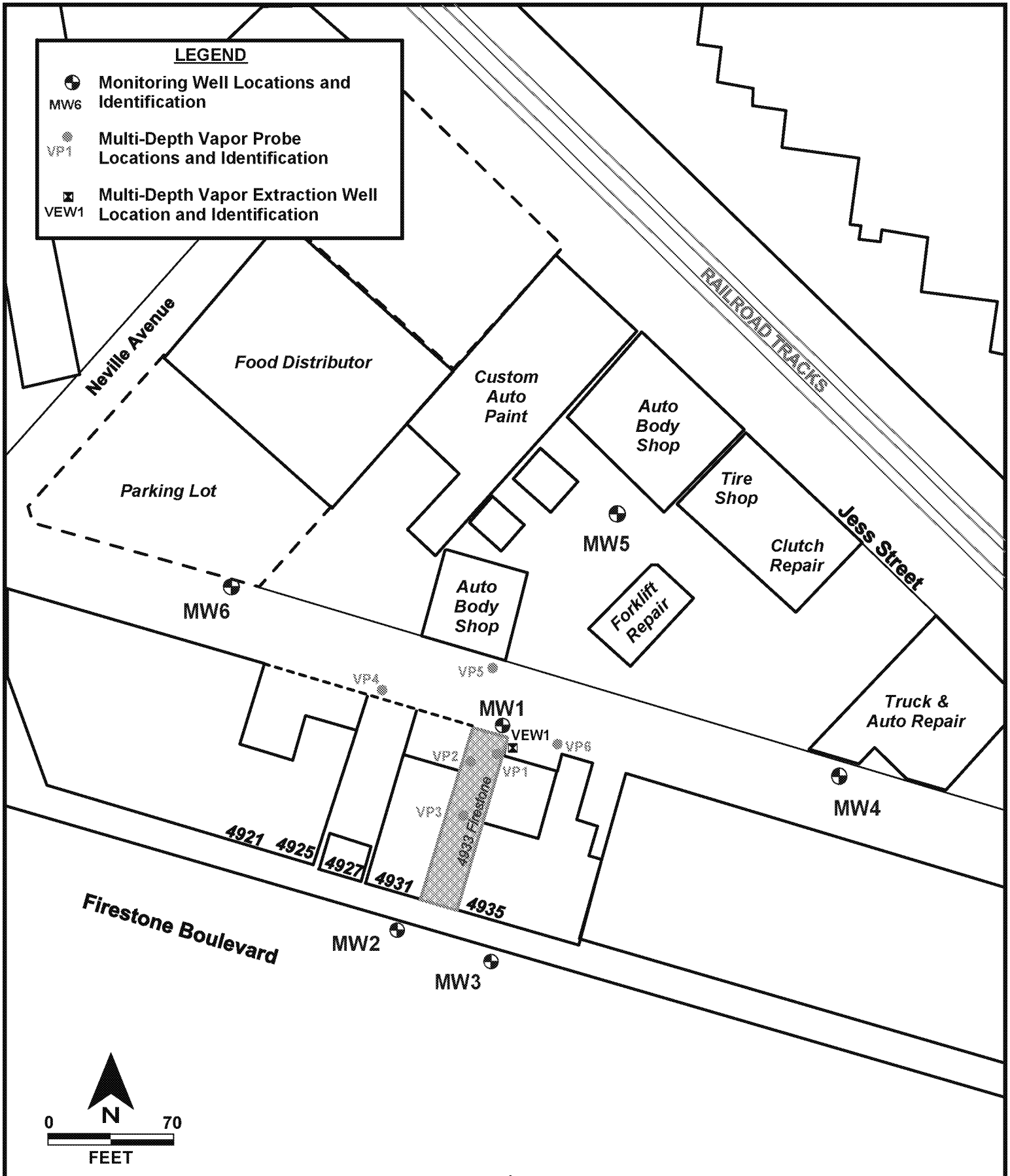
Table 4 - Summary of Metal Analytical Detections in Groundwater
1998 to Present
Former Mondo Chrome Facility
South Gate, CA 90280

		Metals (µg/L)				
Well	**Sample Date**	**Total Chromium**	**Hexavalent Chromium**	**Cadmium**	**Nickel**	**Total Cyanide**

Notes:
< = Not detected at or above the indicated laboratory detection limit.
µg/L = Micrograms per liter
NA = Not analyzed
CA MCL = California Maximum Contaminant Level for drinking water.
a. Regulated under Total Cr MCL



● *SUBJECT SITE: 4933 Firestone Blvd, South Gate, 90280, Page & Grid 705 E3*

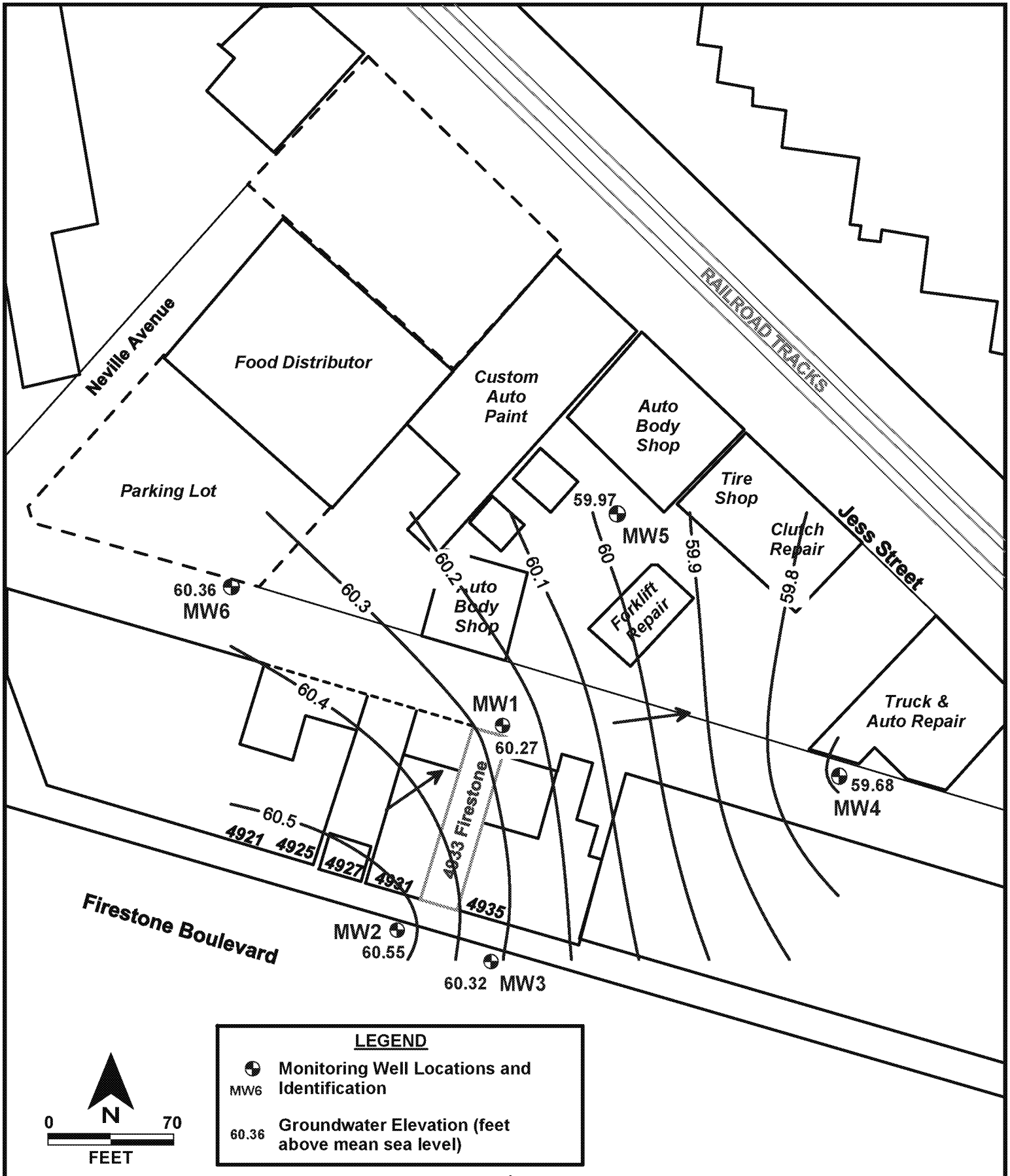


LEYMASTER ENVIRONMENTAL CONSULTING, LLC
5500 East Atherton Street, Suite 210
Long Beach, California 90815
Phone: (562) 799-9866
Fax: (562) 799-1963

SITE PLOT PLAN

Former Mondo Chrome Facility
4933 Firestone Boulevard, South Gate, CA

FIGURE 2 | JULY 10, 2013



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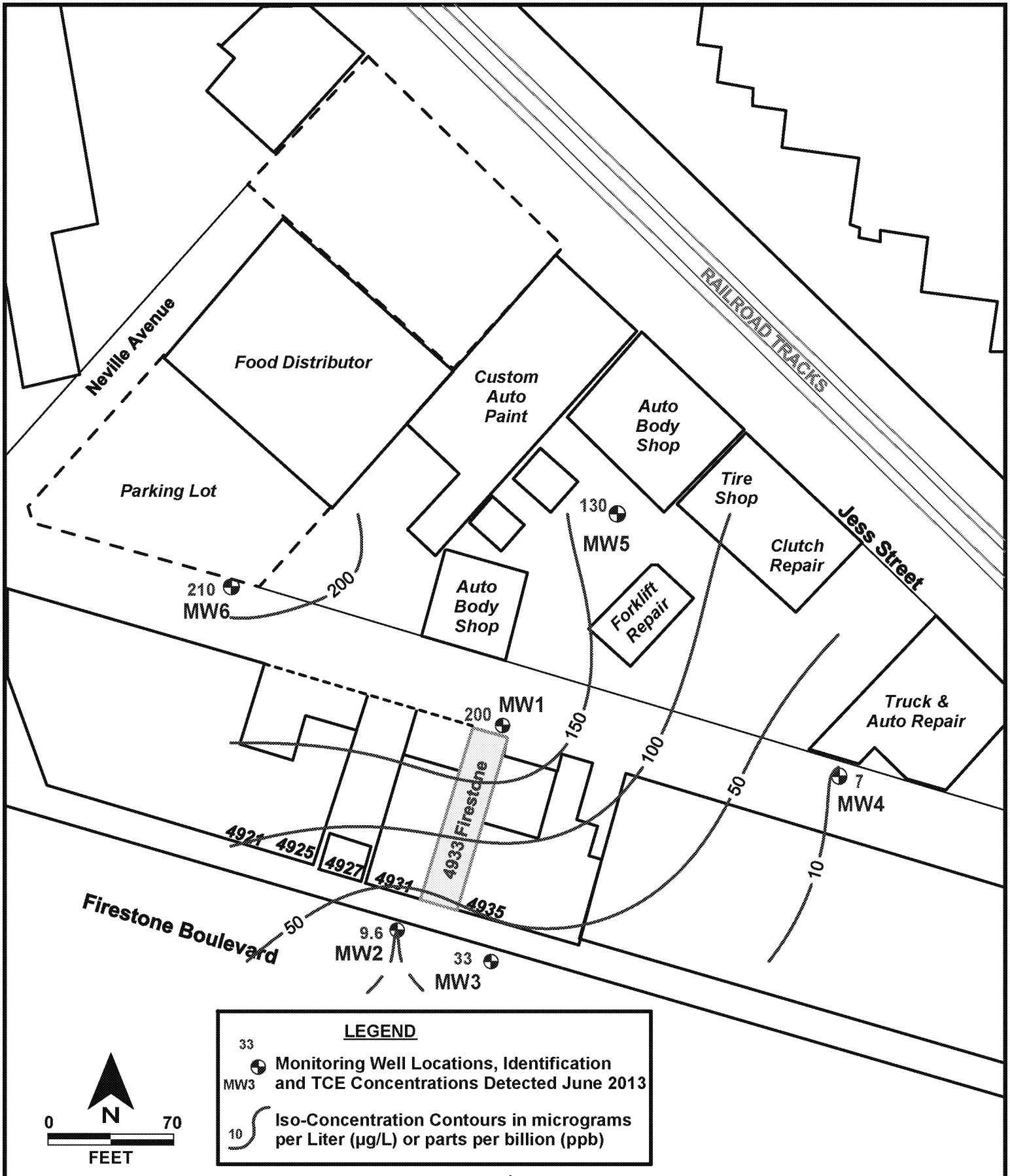
GROUNDWATER CONTOURS JUNE 2013

Former Mondo Chrome Facility
4933 Firestone Boulevard, South Gate, CA

FIGURE 3 | JULY 10, 2013



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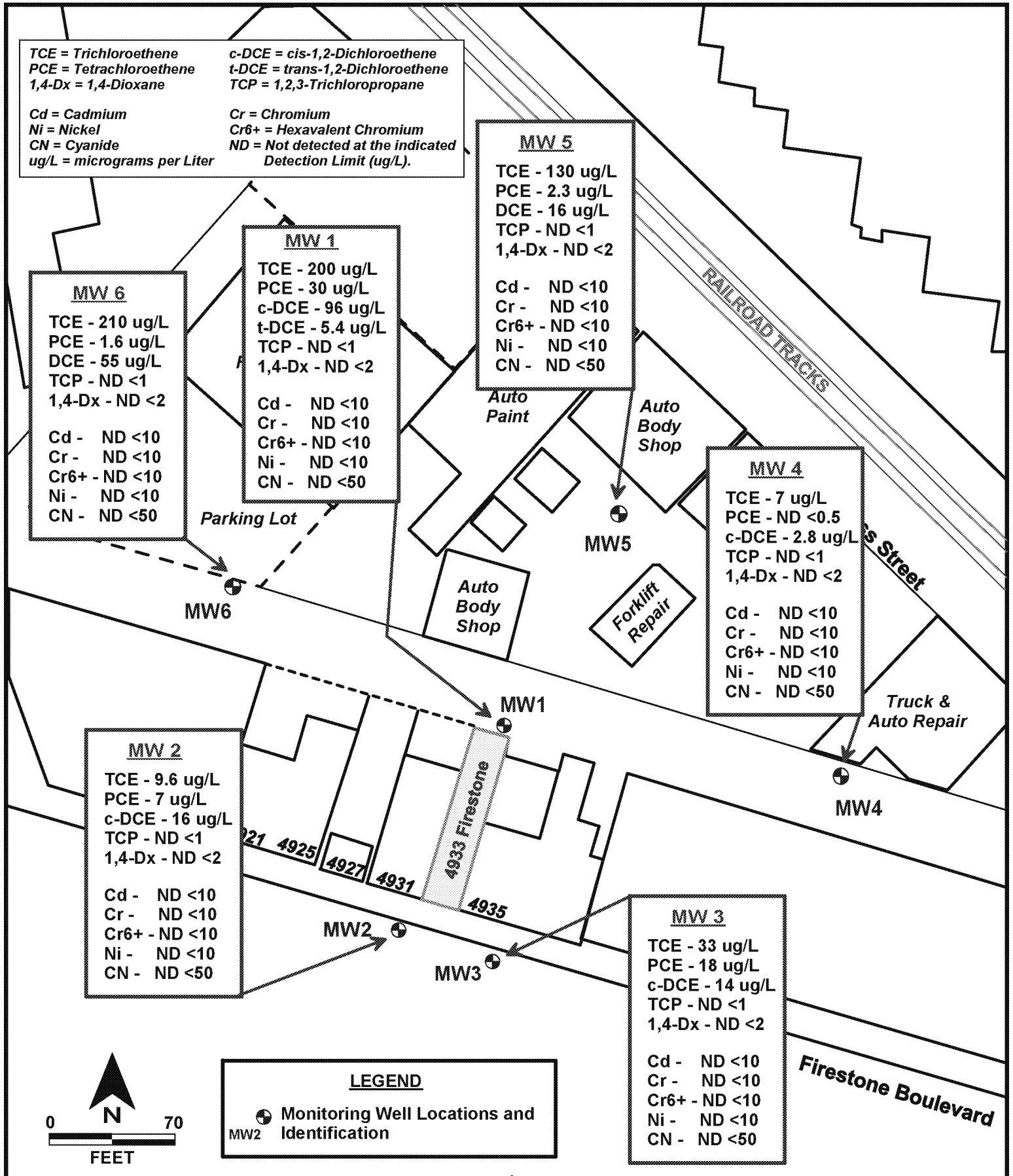
TCE ISO-CONCENTRATION CONTOURS - JUNE 2013

Former Mondo Chrome Facility
4933 Firestone Boulevard, South Gate, CA

FIGURE 4 | JULY 10, 2013



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ANALYTICAL RESULTS FOR VOCS, METALS AND CN IN GROUNDWATER - JUNE 2013

Former Mondo Chrome Facility
4933 Firestone Boulevard, South Gate, CA

FIGURE 5 | JULY 10, 2013

ATTACHMENT I

Well Location and Elevation Survey Data

June 2013

Pacific Land Consultants, Inc
P.O. Box 3762
RPV, CA 90274
310-544-8689

7/9/2013

Well Monitoring

4933 Firestone, South Gate, CA

Monitor Well Locations & Elevations
Horiz = State Plane Coordinates, Zone 5
Vert = NAVD 88 datum - BM-Y8412

All Elevations are on north edge of casing

#	N	E	EL	DESC.
1	1,804,847.21	6,506,536.10	109.66	MW-3
2	1,804,866.07	6,506,471.73	109.53	MW-2
3	1,804,974.39	6,506,548.06	109.60	MW-1
10	1,804,948.24	6,506,734.88	109.19	MW-4
12	1,805,047.35	6,506,401.39	109.60	MW-6
14	1,805,090.32	6,506,604.06	110.53	MW-5
5	1,804,719.14	6,507,133.84	110.69	DY-9343
6	1,804,698.99	6,507,117.50	111.36	Y-10775

ATTACHMENT II

Well Sample Data Logs

Leymaster Environmental Consulting, LLC

WELL SAMPLE DATA LOG

PROJECT: **4933 Firestone, South Gate, CA**	DATE: 6/21/13	SAMPLER: **CFL**

WELL DATA

WELL NUMBER: **MW 1**	SCREEN INTERVAL: **30'-55' bgs**
WELL TOTAL DEPTH: 55'	
DEPTH TO WATER: 49.33'	Pump #003795 (set at 53' to sample)

WELL PURGING DATA

PURGING METHOD: low flow (dedicated pump)	VOLUME OF WATER PURGED: 2.5L+
TIME STARTED: 746	TIME COMPLETED: 800
EQUIPMENT USED: Horiba U52 (LEC0409); Solinst Interface 122-#03656-1	

WELL PURGING PARAMETERS

Purging Parameters

Time Start/Stop	Purge Rate (ml/min)	Temp °C	pH	ORP (mV)	Cond (ms/cm)	Turbidity	DO (mg/L)
746	250	23.93	7.36	-171	1.50	23.5	6.0
48		24.33	7.33	-179	1.53	22.9	0.0
50		24.61	7.33	-185	1.54	22.8	0.0
52		24.83	7.34	-189	1.53	22.2	0.0
54		24.94	7.35	-191	1.53	20.7	0.0
56		25.19	7.35	-191	1.53	18.6	0.0
	.2-.5 L/min		± 0.1 units	± 10 mV	± 3%	± 10 NTUs	±0.3 mg/L

Sample No.	Quantity	Volume	Type	Preservative		Analysis	
	3	40ml	VOA	HCl		See COC	
Duplicate	1	1L	Poly	"			
	1	1/2L	"	"			

Sample Time: 750

Samplers Signature: CFL

Comments: _____

Leymaster Environmental Consulting, LLC

WELL SAMPLE DATA LOG

PROJECT: **4933 Firestone, South Gate, CA**	DATE: 6/21/13	SAMPLER: **CFL**

WELL DATA

WELL NUMBER: **MW 2**	SCREEN INTERVAL: **30'-55' bgs**
WELL TOTAL DEPTH: 55' (53.8' soft bottom)	
DEPTH TO WATER: 48.98'	Pump #003794 (set at 52' to sample)

WELL PURGING DATA

PURGING METHOD: low flow (dedicated pump)	VOLUME OF WATER PURGED: 3L+
TIME STARTED: 1002	TIME COMPLETED: 1016
EQUIPMENT USED: Horiba U52 (LEC0409); Solinst Interface	

WELL PURGING PARAMETERS

Purging Parameters

Time Start/Stop	Purge Rate (ml/min)	Temp °C	pH	ORP (mV)	Cond (ms/cm)	Turbidity	DO (mg/L)
1002	300	25.53	7.30	-144	1.58	11.7	0
04		25.93	7.28	-139	1.59	24.6	0
06		26.54	7.28	-136	1.59	18.6	0
08		26.97	7.28	-135	1.60	16.8	0
10		27.35	7.28	-137	1.59	14.1	0
12		27.71	7.29	-140	1.58	14.2	0
	.2-.5 L/min		± 0.1 units	± 10 mV	± 3%	± 10 NTUs	±0.3 mg/L

Sample No.	Quantity	Volume	Type	Preservative		Analysis	
	3	40ml	VOA	HCl		See COC	
Duplicate	1	1L	Poly	"			
	1	1/2L	Poly	"			

Sample Time: 1014

Samplers Signature: CFL

Comments: _____

Leymaster Environmental Consulting, LLC

WELL SAMPLE DATA LOG

PROJECT: **4933 Firestone, South Gate, CA**	DATE: 6/21/13	SAMPLER: **CFL**

WELL DATA

WELL NUMBER: **MW 3**	SCREEN INTERVAL: **30'-55' bgs**
WELL TOTAL DEPTH: 55' (54.55' soft bottom)	
DEPTH TO WATER: ~~49.33~~ (49.34')	Pump #003800 (set at 53' to sample)

WELL PURGING DATA

PURGING METHOD: low flow (dedicated pump)	VOLUME OF WATER PURGED: 3L+
TIME STARTED: 1036	TIME COMPLETED: 1050
EQUIPMENT USED: Horiba U52 (LEC0409); Solinst Interface	

WELL PURGING PARAMETERS

Purging Parameters

Time Start/Stop	Purge Rate (ml/min)	Temp °C	pH	ORP (mV)	Cond (ms/cm)	Turbidity	DO (mg/L)
1036	300	26.20	7.25	-197	2.86	22.5	0
38		26.09	7.24	-198	2.90	13.9	0
40		26.13	7.22	-188	2.88	9.2	0
42		26.30	7.20	-176	2.86	11.9	0
44		26.53	7.19	-171	2.87	14.5	0
46		26.73	7.19	-166	2.87	14.0	0
	.2-.5 L/min		± 0.1 units	± 10 mV	± 3%	± 10 NTUs	±0.3 mg/L

Sample No.	Quantity	Volume	Type	Preservative		Analysis	
	3	40 mL	VOA	HCl		See COC	
Duplicate	1	1 L	Poly	"			
	1	1/2 L	Poly	"			

Sample Time: 1048

Samplers Signature: CFL

Comments: _____

Leymaster Environmental Consulting, LLC

WELL SAMPLE DATA LOG

PROJECT: **4933 Firestone, South Gate, CA** DATE: 10/21/13 SAMPLER: **CFL**

WELL DATA

WELL NUMBER: **MW 4**	SCREEN INTERVAL: **41'-56' bgs**
WELL TOTAL DEPTH: 56'	
DEPTH TO WATER: 49.51'	Pump # 003791 (set at 53')

WELL PURGING DATA

PURGING METHOD: low flow (dedicated pump)	VOLUME OF WATER PURGED: 3L+
TIME STARTED: 704	TIME COMPLETED: 718
EQUIPMENT USED: Horiba U52 (LEC0409); Solinst Interface 122-003656-1	

WELL PURGING PARAMETERS

Purging Parameters

Time Start/Stop	Purge Rate (ml/min)	Temp °C	pH	ORP (mV)	Cond (ms/cm)	Turbidity	DO (mg/L)
704	300	23.04	6.93	-37	1.16	18.6	1.56
06		23.01	6.95	-55	1.17	13.1	0.75
08		23.20	6.96	-64	1.18	11.5	0.13
10		23.57	6.96	-74	1.18	11.4	0.0
12		23.92	6.96	-77	1.18	10.6	0.0
14		24.19	6.95	-80	1.17	8.3	0.0
	.2-.5 L/min		± 0.1 units	± 10 mV	± 3%	± 10 NTUs	±0.3 mg/L

Sample No.	Quantity	Volume	Type	Preservative		Analysis	
	3	40ml	VOA	Hcl			Ca Co/C
Duplicate	1	1L	Poly	"			
	1	1/2 L	Poly				

Sample Time: 716

Samplers Signature: CFL

Comments: _____

Leymaster Environmental Consulting, LLC

WELL SAMPLE DATA LOG

PROJECT: **4933 Firestone, South Gate, CA**	DATE: 6/21/13	SAMPLER: **CFL**

WELL DATA

WELL NUMBER: **MW 5**	SCREEN INTERVAL: **41'-56' bgs**
WELL TOTAL DEPTH: 56.25'	
DEPTH TO WATER: 50.56'	Pump # 003792 (set at 53')

WELL PURGING DATA

PURGING METHOD: low flow (dedicated pump)	VOLUME OF WATER PURGED: 2.5L+
TIME STARTED: 824	TIME COMPLETED: 838
EQUIPMENT USED: Horiba U52 (LEC0409); Solinst Interface 122-00356-1	

WELL PURGING PARAMETERS

Purging Parameters

Time Start/Stop	Purge Rate (ml/min)	Temp °C	pH	ORP (mV)	Cond (ms/cm)	Turbidity	DO (mg/L)
824	750	22.92	7.22	-158	1.82	2.5	0
26		22.74	7.20	-168	1.84	1.2	0
28		22.86	7.17	-172	1.85	0.1	0
30		22.91	7.17	-172	1.85	0.0	0
32		22.98	7.16	-173	1.86	0.0	0
34		23.26	7.15	-171	1.86	0.3	0
	.2-.5 L/min		± 0.1 units	± 10 mV	± 3%	± 10 NTUs	±0.3 mg/L

Sample No.	Quantity	Volume	Type	Preservative		Analysis	
	3	40ml	VOA	Hcl		See	Coc
Duplicate	1	1L	Poly	"			
	1	1/2L	"	"			

Sample Time: 836

Samplers Signature: CFL

Comments:

Leymaster Environmental Consulting, LLC

WELL SAMPLE DATA LOG

PROJECT: **4933 Firestone, South Gate, CA**	DATE: 6/21/13	SAMPLER: **CFL**

WELL DATA

WELL NUMBER: **MW 6**	SCREEN INTERVAL: **41'-56' bgs**
WELL TOTAL DEPTH: 56'	
DEPTH TO WATER: 49.24'	Pump # 003793 (set at 53')

WELL PURGING DATA

PURGING METHOD: low flow (dedicated pump)	VOLUME OF WATER PURGED: 3.0L+
TIME STARTED: 912	TIME COMPLETED: 926
EQUIPMENT USED: Horiba U52 (LEC0409); Solinst Interface 122-003252-1	

WELL PURGING PARAMETERS

Purging Parameters

Time Start/Stop	Purge Rate (ml/min)	Temp °C	pH	ORP (mV)	Cond (ms/cm)	Turbidity	DO (mg/L)
912	300	23.70	7.24	-182	1.85	9.6	0
14		23.75	7.21	-187	1.85	8.5	0
16		23.91	7.20	-190	1.86	8.6	0
18		24.38	7.19	-188	1.87	9.3	0
20		24.55	7.18	-187	1.87	8.8	0
22		24.95	7.18	-185	1.87	8.4	0
	.2-.5 L/min		± 0.1 units	± 10 mV	± 3%	± 10 NTUs	±0.3 mg/L

Sample No.	Quantity	Volume	Type	Preservative		Analysis	
	3	40 ml	VOA	Yes		See	COC
Duplicate	1	1L	Poly	"			
	1	1/2L	"	"			

Sample Time: 924

Samplers Signature: CFL

Comments:

ATTACHMENT III

Laboratory Report of Analytical Results (Groundwater)
and
Chain-of-Custody Record

CAL TECH Environmental Laboratories

6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

ANALYTICAL RESULTS*

CTEL Project No: CT217-1306140
Client Name: Leymaster Environmental
5500 E. Atherton Street, Suite 210
Long Beach, CA 90815
Phone: (562) 799-9866
Fax: (562) 799-1963
Attention: Mr. Charles Lindeman

Project ID:
Project Name: 4933 Firestone

Date Sampled: 06/21/13 @ 07:58 am
Matrix: Water
Date Received: 06/21/13 @ 12:30 p.m.
Date Analyzed: 06/21/13
Date Reported: 07/02/13

Laboratory ID:	1306-140-1	1306-140-2	1306-140-3	**Method**	**Units:**	**Detection**
Client Sample ID:	MW1	MW2	MW3			**Limit**
Dilution	1	1	1			
Dichlorodifluoromethane	ND	ND	ND	EPA 8260B	ug/L	1
Chloromethane	ND	ND	ND	EPA 8260B	ug/L	1
Vinyl Chloride	ND	ND	ND	EPA 8260B	ug/L	0.5
Bromomethane	ND	ND	ND	EPA 8260B	ug/L	1
Chloroethane	ND	ND	ND	EPA 8260B	ug/L	1
Trichlorofluoromethane	ND	ND	ND	EPA 8260B	ug/L	1
Iodomethane	ND	ND	ND	EPA 8260B	ug/L	1
Acetone	ND	ND	ND	EPA 8260B	ug/L	10
1,1-Dichloroethene	ND	ND	ND	EPA 8260B	ug/L	0.5
t-Butyl Alcohol (TBA)	ND	ND	ND	EPA 8260B	ug/L	10
Methylene Chloride	ND	ND	ND	EPA 8260B	ug/L	10
Freon 113	ND	ND	ND	EPA 8260B	ug/L	5
Carbon disulfide	ND	ND	ND	EPA 8260B	ug/L	1
Trans,1,2-Dichloroethene	5.4	ND	ND	EPA 8260B	ug/L	0.5
Methyl-tert-butyl-ether(MtBE)	ND	ND	ND	EPA 8260B	ug/L	1
1,1-Dichloroethane	ND	ND	ND	EPA 8260B	ug/L	0.1
Vinyl acetate	ND	ND	ND	EPA 8260B	ug/L	10
Diisopropyl Ether (DIPE)	ND	ND	ND	EPA 8260B	ug/L	1
Methyl Ethyl Ketone	ND	ND	ND	EPA 8260B	ug/L	10
Cis,1,2-Dichloroethene	96	16	14	EPA 8260B	ug/L	0.5
Bromochloromethane	ND	ND	ND	EPA 8260B	ug/L	1
Chloroform	ND	ND	ND	EPA 8260B	ug/L	1
2,2-Dichloropropane	ND	ND	ND	EPA 8260B	ug/L	1
Ethyl-t-butyl ether (ETBE)	ND	ND	ND	EPA 8260B	ug/L	1
1,1,1-Trichloroethane	ND	ND	ND	EPA 8260B	ug/L	1
1,2-Dichloroethane	ND	ND	ND	EPA 8260B	ug/L	0.5
1,1-Dichloropropene	ND	ND	ND	EPA 8260B	ug/L	1
Carbon Tetrachloride	ND	ND	ND	EPA 8260B	ug/L	0.5
Benzene	ND	ND	ND	EPA 8260B	ug/L	0.5
t-Amyl Methyl Ether (TAM)	ND	ND	ND	EPA 8260B	ug/L	1
1,2-Dichloropropane	ND	ND	ND	EPA 8260B	ug/L	1
Trichloroethene	200	9.6	33	EPA 8260B	ug/L	0.5
Dibromomethane	ND	ND	ND	EPA 8260B	ug/L	1
Bromodichloromethane	ND	ND	ND	EPA 8260B	ug/L	1
2-Chloroethylvinylether	ND	ND	ND	EPA 8260B	ug/L	5
Cis, 1,3-Dichloropropene	ND	ND	ND	EPA 8260B	ug/L	1
4-Methyl-2-pentanone(MI)	ND	ND	ND	EPA 8260B	ug/L	10
Trans,1,3-Dichloropropene	ND	ND	ND	EPA 8260B	ug/L	1
Toluene	ND	ND	ND	EPA 8260B	ug/L	0.5
1,1,2-Trichloroethane	ND	ND	ND	EPA 8260B	ug/L	1

CTEL Project No: CT217-1306140

Project ID:
Project Name: 4933 Firestone

Laboratory ID: / **Client Sample ID:**	1306-140-1 MW1	1306-140-2 MW2	1306-140-3 MW3	**Method**	**Units**	**Detection Limit**
1,2-Dibromoethane(EDB)	ND	ND	ND	EPA 8260B	ug/L	0.5
1,3-Dichloropropane	ND	ND	ND	EPA 8260B	ug/L	1
Dibromochloromethane	ND	ND	ND	EPA 8260B	ug/L	1
2-Hexanone	ND	ND	ND	EPA 8260B	ug/L	10
Tetrachloroethene	30	7.0	18	EPA 8260B	ug/L	0.5
Chlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
1,1,1,2-Tetrachloroethane	ND	ND	ND	EPA 8260B	ug/L	1
Ethylbenzene	ND	ND	ND	EPA 8260B	ug/L	0.5
m.p-Xylene	ND	ND	ND	EPA 8260B	ug/L	0.5
Bromoform	ND	ND	ND	EPA 8260B	ug/L	1
Styrene	ND	ND	ND	EPA 8260B	ug/L	1
o-Xylene	ND	ND	ND	EPA 8260B	ug/L	0.5
1,1,2,2-Tetrachloroethane	ND	ND	ND	EPA 8260B	ug/L	1
1,2,3-Trichloropropane	ND	ND	ND	EPA 8260B	ug/L	1
Isopropylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
Bromobenzene	ND	ND	ND	EPA 8260B	ug/L	1
2-Chlorotoluene	ND	ND	ND	EPA 8260B	ug/L	1
n-Propylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
4-Chlorotoluene	ND	ND	ND	EPA 8260B	ug/L	1
1,3,5-Trimethylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
Tert-Butylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
1,2,4-Trimethylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
Sec-Butylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
1,3-Dichlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
1,4-Dichlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
p-Isopropyltoluene	ND	ND	ND	EPA 8260B	ug/L	1
1,2-Dichlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
n-Butylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
1,2 Dibromo-3-Chloropropane	ND	ND	ND	EPA 8260B	ug/L	1
1,2,4-Trichlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
Naphthalene	ND	ND	ND	EPA 8260B	ug/L	1
1,2,3-Trichlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
Hexachlorobutadiene	ND	ND	ND	EPA 8260B	ug/L	1
Ethanol	ND	ND	ND	EPA 8260B	ug/L	50
1,4-Dioxane*	ND	ND	ND	EPA 8260B	ug/L	2

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY			Control Limit
Dibromofluoromethane	96	94	94	70-130
1,2 Dichloromethaned4	95	95	93	70-130
Toluene-d8	95	94	95	70-130
Bromofluorobenzene	94	93	93	70-130

CTEL Project No: CT217-1306140
Client Name: Leymaster Environmental
5500 E. Atherton Street, Suite 210
Long Beach, CA 90815
Phone: (562) 799-9866
Fax: (562) 799-1963
Attention: Mr. Charles Lindeman

Project ID:
Project Name: 4933 Firestone

Date Sampled: 06/21/13 @ 07:16 am
Matrix: Water
Date Received: 06/21/13 @ 12:30 p.m.
Date Analyzed: 06/21/13
Date Reported: 07/02/13

Laboratory ID:	1306-140-4	1306-140-5	1306-140-6	**Method**	**Units:**	**Detection**
Client Sample ID:	MW4	MW5	MW6			**Limit**
Dilution	1	1	1			
Dichlorodifluoromethane	ND	ND	ND	EPA 8260B	ug/L	1
Chloromethane	ND	ND	ND	EPA 8260B	ug/L	1
Vinyl Chloride	ND	ND	ND	EPA 8260B	ug/L	0.5
Bromomethane	ND	ND	ND	EPA 8260B	ug/L	1
Chloroethane	ND	ND	ND	EPA 8260B	ug/L	1
Trichlorofluoromethane	ND	ND	ND	EPA 8260B	ug/L	1
Iodomethane	ND	ND	ND	EPA 8260B	ug/L	1
Acetone	ND	ND	ND	EPA 8260B	ug/L	10
1,1-Dichloroethene	ND	ND	ND	EPA 8260B	ug/L	0.5
t-Butyl Alcohol (TBA)	ND	ND	ND	EPA 8260B	ug/L	10
Methylene Chloride	ND	ND	ND	EPA 8260B	ug/L	10
Freon 113	ND	ND	ND	EPA 8260B	ug/L	5
Carbon disulfide	ND	ND	ND	EPA 8260B	ug/L	1
Trans,1,2-Dichloroethene	ND	ND	ND	EPA 8260B	ug/L	0.5
Methyl-tert-butyl-ether(MtBE)	ND	ND	ND	EPA 8260B	ug/L	1
1,1-Dichloroethane	ND	ND	ND	EPA 8260B	ug/L	0.1
Vinyl acetate	ND	ND	ND	EPA 8260B	ug/L	10
Diisopropyl Ether (DIPE)	ND	ND	ND	EPA 8260B	ug/L	1
Methyl Ethyl Ketone	ND	ND	ND	EPA 8260B	ug/L	10
Cis,1,2-Dichloroethene	2.8	16	55	EPA 8260B	ug/L	0.5
Bromochloromethane	ND	ND	ND	EPA 8260B	ug/L	1
Chloroform	ND	ND	ND	EPA 8260B	ug/L	1
2,2-Dichloropropane	ND	ND	ND	EPA 8260B	ug/L	1
Ethyl-t-butyl ether (ETBE)	ND	ND	ND	EPA 8260B	ug/L	1
1,1,1-Trichloroethane	ND	ND	ND	EPA 8260B	ug/L	1
1,2-Dichloroethane	ND	ND	ND	EPA 8260B	ug/L	0.5
1,1-Dichloropropene	ND	ND	ND	EPA 8260B	ug/L	1
Carbon Tetrachloride	ND	ND	ND	EPA 8260B	ug/L	0.5
Benzene	ND	ND	ND	EPA 8260B	ug/L	0.5
t-Amyl Methyl Ether (TAM)	ND	ND	ND	EPA 8260B	ug/L	1
1,2-Dichloropropane	ND	ND	ND	EPA 8260B	ug/L	1
Trichloroethene	7.0	130	210	EPA 8260B	ug/L	0.5
Dibromomethane	ND	ND	ND	EPA 8260B	ug/L	1
Bromodichloromethane	ND	ND	ND	EPA 8260B	ug/L	1
2-Chloroethylvinylether	ND	ND	ND	EPA 8260B	ug/L	5
Cis, 1,3-Dichloropropene	ND	ND	ND	EPA 8260B	ug/L	1
4-Methyl-2-pentanone(MI)	ND	ND	ND	EPA 8260B	ug/L	10
Trans,1,3-Dichloropropene	ND	ND	ND	EPA 8260B	ug/L	1
Toluene	ND	ND	ND	EPA 8260B	ug/L	0.5
1,1,2-Trichloroethane	ND	ND	ND	EPA 8260B	ug/L	1

CTEL Project No: CT217-1306140

Project ID:
Project Name: 4933 Firestone

Laboratory ID:	1306-140-4	1306-140-5	1306-140-6	**Method**	**Units**	**Detection**
Client Sample ID:	MW4	MW5	MW6			**Limit**
1,2-Dibromoethane(EDB)	ND	ND	ND	EPA 8260B	ug/L	0.5
1,3-Dichloropropane	ND	ND	ND	EPA 8260B	ug/L	1
Dibromochloromethane	ND	ND	ND	EPA 8260B	ug/L	1
2-Hexanone	ND	ND	ND	EPA 8260B	ug/L	10
Tetrachloroethene	ND	2.3	1.6	EPA 8260B	ug/L	0.5
Chlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
1,1,1,2-Tetrachloroethane	ND	ND	ND	EPA 8260B	ug/L	1
Ethylbenzene	ND	ND	ND	EPA 8260B	ug/L	0.5
m.p-Xylene	ND	ND	ND	EPA 8260B	ug/L	0.5
Bromoform	ND	ND	ND	EPA 8260B	ug/L	1
Styrene	ND	ND	ND	EPA 8260B	ug/L	1
o-Xylene	ND	ND	ND	EPA 8260B	ug/L	0.5
1,1,2,2-Tetrachloroethane	ND	ND	ND	EPA 8260B	ug/L	1
1,2,3-Trichloropropane	ND	ND	ND	EPA 8260B	ug/L	1
Isopropylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
Bromobenzene	ND	ND	ND	EPA 8260B	ug/L	1
2-Chlorotoluene	ND	ND	ND	EPA 8260B	ug/L	1
n-Propylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
4-Chlorotoluene	ND	ND	ND	EPA 8260B	ug/L	1
1,3,5-Trimethylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
Tert-Butylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
1,2,4-Trimethylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
Sec-Butylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
1,3-Dichlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
1,4-Dichlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
p-Isopropyltoluene	ND	ND	ND	EPA 8260B	ug/L	1
1,2-Dichlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
n-Butylbenzene	ND	ND	ND	EPA 8260B	ug/L	1
1,2 Dibromo-3-Chloropropane	ND	ND	ND	EPA 8260B	ug/L	1
1,2,4-Trichlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
Naphthalene	ND	ND	ND	EPA 8260B	ug/L	1
1,2,3-Trichlorobenzene	ND	ND	ND	EPA 8260B	ug/L	1
Hexachlorobutadiene	ND	ND	ND	EPA 8260B	ug/L	1
Ethanol	ND	ND	ND	EPA 8260B	ug/L	50
1,4-Dioxane*	ND	ND	ND	EPA 8260B	ug/L	2

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY			Control Limit
Dibromofluoromethane	94	95	92	70-130
1,2 Dichloromethaned4	94	93	93	70-130
Toluene-d8	92	95	92	70-130
Bromofluorobenzene	94	93	92	70-130

CTEL Project No: CT217-1306140
Client Name: Leymaster Environmental
5500 E. Atherton Street, Suite 210
Long Beach, CA 90815
Phone: (562) 799-9866
Fax: (562) 799-1963
Attention: Mr. Charles Lindeman

Project ID:
Project Name: 4933 Firestone

Date Sampled: 06/21/13 @ 07:58 am
Matrix: Water
Date Received: 06/21/13 @ 12:30 p.m.
Date Analyzed: 06/21/13 – 06/26/13
Date Reported: 07/02/13

Laboratory ID:	1306-140-1	1306-140-2	1306-140-3	**Method**	**Units**	**Detection Limit**
Client Sample ID:	MW1	MW2	MW3			
Cadmium (Cd)	ND	ND	ND	SW846 6010B	mg/L	0.01
Chromium (Cr)	ND	ND	ND	SW846 6010B	mg/L	0.01
Nickel (Ni)	ND	ND	ND	SW846 6010B	mg/L	0.01
Acid, Extraction	06/21/13	06/21/13	06/21/13	SW846 3010	Date	
Chromium VI	ND	ND	ND	EPA 7196A	mg/L	0.01
Cyanide	ND	ND	ND	SM4500-CN-E	mg/L	0.05

ND = Not Detected at the indicated Detection Limit

CTEL Project No: CT217-1306140
Client Name: Leymaster Environmental
5500 E. Atherton Street, Suite 210
Long Beach, CA 90815
Phone: (562) 799-9866
Fax: (562) 799-1963
Attention: Mr. Charles Lindeman

Project ID:
Project Name: 4933 Firestone

Date Sampled: 06/21/13 @ 07:16 am
Matrix: Water
Date Received: 06/21/13 @ 12:30 p.m.
Date Analyzed: 06/21/13 – 06/26/13
Date Reported: 07/02/13

Laboratory ID:	1306-140-4	1306-140-5	1306-140-6	**Method**	**Units**	**Detection Limit**
Client Sample ID:	MW4	MW5	MW6			
Cadmium (Cd)	ND	ND	ND	SW846 6010B	mg/L	0.01
Chromium (Cr)	ND	ND	ND	SW846 6010B	mg/L	0.01
Nickel (Ni)	ND	ND	ND	SW846 6010B	mg/L	0.01
Acid, Extraction	06/21/13	06/21/13	06/21/13	SW846 3010	Date	
Chromium VI	ND	ND	ND	EPA 7196A	mg/L	0.01
Cyanide	ND	ND	ND	SM4500-CN-E	mg/L	0.05

ND = Not Detected at the indicated Detection Limit

Greg Tejirian
Laboratory Director

*The results are base upon the sample received.

Cal Tech Environmental Laboratories, Inc. ELAP ID #: 2424

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

QA/QC Report

Method: 8015M

Matrix: Water

Date Analyzed: 6/21/2013

Date Extracted: 6/21/2013

Perimeters	Conc. ug/L		Spike Added	Recovery %		Control Limits		RPD
	MS	MSD		MS	MSD	Rec.	RPD	
TPH - Gasoline	948	933	1000	95	93	70-130	20	2
TPH - Diesel	1030	1051	1000	103	105	70-130	20	2

Perimeters	Method Blank	Units	Det. Limit
TPH - Gasoline	ND	ug/L	50
TPH - Diesel	ND	ug/L	50

MS: Matrix Spike
MSD: Matrix Spike Duplicate

RPD: Relative Percent Difference of MS and MSD

CAL TECH Environmental Laboratories

6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

QA/QC Report

Method: 8260B

Matrix: Water

Date Analyzed: 6/21/2013

Date Extracted: 6/21/2013

Perimeters	Conc. ug/L		Spike Added	Recovery %		Control Limits		RPD
	MS	MSD		MS	MSD	Rec.	RPD	
1,1-Dichloroethane	44	43	50	88	86	70-130	20	2
Benzene	48	48	50	96	96	70-130	20	0
Trichloroethene	49	49	50	98	98	70-130	20	0
Toluene	54	55	50	108	110	70-130	20	2
Chlorobenzene	43	41	50	86	82	70-130	20	4
m,p-Xylenes	102	107	100	102	107	70-130	20	5

MS: Matrix Spike
MSD: Matrix Spike Duplicate

RPD: Relative Percent Difference of MS and MSD

Perimeters	Method Blank	Units	Det. Limit
1,1-Dichloroethene	ND	ug/L	1
Benzene	ND	ug/L	0.5
Trichloroethene	ND	ug/L	0.5
Toluene	ND	ug/L	0.5
Chlorobenzene	ND	ug/L	0.5
m,p-Xylenes	ND	ug/L	0.6
MTBE	ND	ug/L	1
TBA	ND	ug/L	10
DIPE	ND	ug/L	1
ETBE	ND	ug/L	1
TAME	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	0.5
EDB	ND	ug/L	0.5
Ethylbenzene	ND	ug/L	0.5
o-Xylene	ND	ug/L	0.6
TCE	ND	ug/L	1
PCE	ND	ug/L	1

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

Lab Job No. 06-140 Page 1 of 1

Chain of Custody Record

Client: LEYMASTER Env Cons (LEC)
Contact: Charles Linderman
Address: 5500 E. Atherton St #210
Long Beach CA 90815
Project: 4933 Firestone
Sampled By: C. Linderman
Name/Signature

Phone: 562-799-9866
Fax:

Turn Around Time
Rush
Normal X

Analyses Requested

Lab ID Number	Field ID	Date/Time Sampled	Bottle Type	No.	Preserv.	Matrix	8260B VOCs	14-Dioxane	Total CN	Total Cr	Hex Cr	Cr Speciation Needed		Comments
	MW1	6/21/13 738	40ml VOA HCl & 1L Poly	5	Ice	H_2O	✓	✓	✓	✓	✓	✓	✓	RL/PQLBs Low
	MW2	1014		5			✓	✓	✓	✓	✓	✓	✓	MDLs
	MW3	1049		5			✓	✓	✓	✓	✓	✓	✓	
	MW4	716		5			✓	✓	✓	✓	✓	✓	✓	
	MW5	836		5			✓	✓	✓	✓	✓	✓	✓	
	MW6	6/21/13 924	40ml VOA HCl & 1L Poly	5	Ice	H_2O	✓	✓	✓	✓	✓	✓	✓	

Relinquished: _____ Date / Time: 6/21/13 Received: _____

Dispatched : _____ Date / Time: _____ Carrier: _____

I hereby authorize the performance of the above indicated tests.

Date / Time: 6/21/13 12:30p Received by lab: _____

CTELCCR.DOC

Custody seal(s) in tact upon receipt by lab? YES NO NONE

ATTACHMENT IV

Non-Hazardous Waste Manifest No. 010418

Laboratory Report of Analytical Results (IDW)
and
Chain-of-Custody Record

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	Not Required	1	(562) 786-6200	010418

GENERATOR

5. Generator's Name and Mailing Address
J&P Realty
1024 Crenshaw Boulevard Torrance CA 90501
Generator's Phone: (310) 320-4621

Generator's Site Address (if different than mailing address)
Former Mondo Chrome Facility:
9933 Firestone Blvd. Southgate, CA 90280

6. Transporter 1 Company Name: KM Industrial — U.S. EPA ID Number: CAR000075622

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Cressy & Overton
1630 W. 16th St. Long Beach CA 90813
562-432-5446
Facility's Phone:
U.S. EPA ID Number: CAD028408019

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solids (Soil)	010	DM	12,000	P	
2.	Non-Hazardous Waste Liquids (Liquid)	002	DM	50	G	
3.						
4.						

13. Special Handling Instructions and Additional Information
KM Industrial Job # 20017
Weights & or Volumes are approximate
9b(1) Profile # 60045
9b(2) Profile # 60044
Direct Bill to KM Industrial- (562) 786-6200

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Charles Cardenas Jr Agent — Signature — Month: 06 Day: 29 Year: 13

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: SHAWN Seymour — Signature — Month: 06 Day: 29 Year: 13

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

CAL TECH Environmental Laboratories

6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

ANALYTICAL RESULTS*

CTEL Project No: CT217-1306139
Client Name: Leymaster Environmental
5500 E. Atherton Street, Suite 210
Long Beach, CA 90815
Phone: (562) 799-9866
Fax: (562) 799-1963
Attention: Mr. Charles Lindeman

Project ID:
Project Name: 4933 Firestone

Date Sampled: 06/21/13 @ 11:15 am
Matrix: Water
Date Received: 06/21/13 @ 12:30 p.m.
Date Analyzed: 06/21/13
Date Reported: 06/24/13

	Laboratory ID: 1306-139-1	**Client Sample ID:** WD2	**Dilution** 1	**Method**	**Units:**	**Detection Limit**
Dichlorodifluoromethane		ND		EPA 8260B	ug/L	1
Chloromethane		ND		EPA 8260B	ug/L	1
Vinyl Chloride		ND		EPA 8260B	ug/L	0.5
Bromomethane		ND		EPA 8260B	ug/L	1
Chloroethane		ND		EPA 8260B	ug/L	1
Trichlorofluoromethane		ND		EPA 8260B	ug/L	1
Iodomethane		ND		EPA 8260B	ug/L	1
Acetone		ND		EPA 8260B	ug/L	10
1,1-Dichloroethene		ND		EPA 8260B	ug/L	0.5
t-Butyl Alcohol (TBA)		ND		EPA 8260B	ug/L	10
Methylene Chloride		ND		EPA 8260B	ug/L	10
Freon 113		ND		EPA 8260B	ug/L	5
Carbon disulfide		ND		EPA 8260B	ug/L	1
Trans,1,2-Dichloroethene		ND		EPA 8260B	ug/L	0.5
Methyl-tert-butyl-ether(MtBE)		ND		EPA 8260B	ug/L	1
1,1-Dichloroethane		ND		EPA 8260B	ug/L	0.1
Vinyl acetate		ND		EPA 8260B	ug/L	10
Diisopropyl Ether (DIPE)		ND		EPA 8260B	ug/L	1
Methyl Ethyl Ketone		ND		EPA 8260B	ug/L	10
Cis,1,2-Dichloroethene		3.8		EPA 8260B	ug/L	0.5
Bromochloromethane		ND		EPA 8260B	ug/L	1
Chloroform		ND		EPA 8260B	ug/L	1
2,2-Dichloropropane		ND		EPA 8260B	ug/L	1
Ethyl-t-butyl ether (ETBE)		ND		EPA 8260B	ug/L	1
1,1,1-Trichloroethane		ND		EPA 8260B	ug/L	1
1,2-Dichloroethane		ND		EPA 8260B	ug/L	0.5
1,1-Dichloropropene		ND		EPA 8260B	ug/L	1
Carbon Tetrachloride		ND		EPA 8260B	ug/L	0.5
Benzene		ND		EPA 8260B	ug/L	0.5
t-Amyl Methyl Ether (TAM)		ND		EPA 8260B	ug/L	1
1,2-Dichloropropane		ND		EPA 8260B	ug/L	1
Trichloroethene		26		EPA 8260B	ug/L	0.5
Dibromomethane		ND		EPA 8260B	ug/L	1
Bromodichloromethane		ND		EPA 8260B	ug/L	1
2-Chloroethylvinylether		ND		EPA 8260B	ug/L	5
Cis, 1,3-Dichloropropene		ND		EPA 8260B	ug/L	1
4-Methyl-2-pentanone(MI)		ND		EPA 8260B	ug/L	10
Trans,1,3-Dichloropropene		ND		EPA 8260B	ug/L	1
Toluene		ND		EPA 8260B	ug/L	0.5
1,1,2-Trichloroethane		ND		EPA 8260B	ug/L	1

CTEL Project No: CT217-1306139

Project ID:
Project Name: 4933 Firestone

Laboratory ID:	1306-139-1	**Method**	**Units**	**Detection Limit**
Client Sample ID:	WD2			
1,2-Dibromoethane(EDB)	ND	EPA 8260B	ug/L	0.5
1,3-Dichloropropane	ND	EPA 8260B	ug/L	1
Dibromochloromethane	ND	EPA 8260B	ug/L	1
2-Hexanone	ND	EPA 8260B	ug/L	10
Tetrachloroethene	7.9	EPA 8260B	ug/L	0.5
Chlorobenzene	ND	EPA 8260B	ug/L	1
1,1,1,2-Tetrachloroethane	ND	EPA 8260B	ug/L	1
Ethylbenzene	ND	EPA 8260B	ug/L	0.5
m.p-Xylene	ND	EPA 8260B	ug/L	0.5
Bromoform	ND	EPA 8260B	ug/L	1
Styrene	ND	EPA 8260B	ug/L	1
o-Xylene	ND	EPA 8260B	ug/L	0.5
1,1,2,2-Tetrachloroethane	ND	EPA 8260B	ug/L	1
1,2,3-Trichloropropane	ND	EPA 8260B	ug/L	1
Isopropylbenzene	ND	EPA 8260B	ug/L	1
Bromobenzene	ND	EPA 8260B	ug/L	1
2-Chlorotoluene	ND	EPA 8260B	ug/L	1
n-Propylbenzene	ND	EPA 8260B	ug/L	1
4-Chlorotoluene	ND	EPA 8260B	ug/L	1
1,3,5-Trimethylbenzene	ND	EPA 8260B	ug/L	1
Tert-Butylbenzene	ND	EPA 8260B	ug/L	1
1,2,4-Trimethylbenzene	ND	EPA 8260B	ug/L	1
Sec-Butylbenzene	ND	EPA 8260B	ug/L	1
1,3-Dichlorobenzene	ND	EPA 8260B	ug/L	1
1,4-Dichlorobenzene	ND	EPA 8260B	ug/L	1
p-Isopropyltoluene	ND	EPA 8260B	ug/L	1
1,2-Dichlorobenzene	ND	EPA 8260B	ug/L	1
n-Butylbenzene	ND	EPA 8260B	ug/L	1
1,2 Dibromo-3-Chloropropane	ND	EPA 8260B	ug/L	1
1,2,4-Trichlorobenzene	ND	EPA 8260B	ug/L	1
Naphthalene	ND	EPA 8260B	ug/L	1
1,2,3-Trichlorobenzene	ND	EPA 8260B	ug/L	1
Hexachlorobutadiene	ND	EPA 8260B	ug/L	1
Ethanol	ND	EPA 8260B	ug/L	50

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY	Control Limit
Dibromofluoromethane	85	70-130
1,2 Dichloromethaned4	83	70-130
Toluene-d8	85	70-130
Bromofluorobenzene	82	70-130

Greg Tejirian
Laboratory Director

*The results are base upon the sample received.

Cal Tech Environmental Laboratories, Inc. ELAP ID #: 2424

CAL TECH Environmental Laboratories

6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

QA/QC Report

Method: 8260B

Matrix: Water

Date Analyzed: 6/21/2013

Date Extracted: 6/21/2013

Perimeters	Conc. ug/L		Spike Added	Recovery %		Control Limits		RPD
	MS	MSD		MS	MSD	Rec.	RPD	
1,1-Dichloroethene	45	48	50	90	96	70-130	20	6
Benzene	47	50	50	94	100	70-130	20	6
Trichloroethene	47	49	50	94	98	70-130	20	4
Toluene	49	47	50	98	94	70-130	20	4
Chlorobenzene	48	46	50	96	92	70-130	20	4
m,p-Xylenes	94	96	100	94	96	70-130	20	2

MS: Matrix Spike
MSD: Matrix Spike Duplicate

RPD: Relative Percent Difference of MS and MSD

Perimeters	Method Blank	Units	Det. Limit
1,1-Dichloroethene	ND	ug/L	1
Benzene	ND	ug/L	0.5
Trichloroethene	ND	ug/L	0.5
Toluene	ND	ug/L	0.5
Chlorobenzene	ND	ug/L	0.5
m,p-Xylenes	ND	ug/L	0.6
MTBE	ND	ug/L	1
TBA	ND	ug/L	10
DIPE	ND	ug/L	1
ETBE	ND	ug/L	1
TAME	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	0.5
EDB	ND	ug/L	0.5
Ethylbenzene	ND	ug/L	0.5
o-Xylene	ND	ug/L	0.6
TCE	ND	ug/L	1
PCE	ND	ug/L	1

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

Lab Job No. 06-139 Page 1 of 1

Chain of Custody Record

Client: Leymaster Env Cons (LEC)
Contact: Charles Lindeman
Address: 5500 E. Atherton St #210
Long Beach, CA 90815
Project: 4933 Firestone
Sampled By: C. Lindeman/ Name/Signature

Phone: 562-799-9566
Fax:

Turn Around Time
Rush X
Normal

Analyses Requested

Lab ID Number	Field ID	Date/Time Sampled	Bottle Type	No.	Preserv.	Matrix	VOCs 8260B								Comments
	WD2	6/21/13 1115	40 mL VOA	2	Ice	H_2O	✓								

Relinquished: Date / Time: 6/21/13 Received:

Dispatched : Date / Time: Carrier:

I hereby authorize the performance of the above indicated tests.

Date / Time: 6/21/13 - 12:30 Received by lab: R. Taylor

CTELCCR.DOC

Custody seal(s) in tact upon receipt by lab? YES NO NONE